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NOTICE OF ALLOWANCE AND FEE(S) DUE

21839 ·

7590

05/16/2007

BUCHANAN, INGERSOLL & ROONEY PC POST OFFICE BOX 1404 ALEXANDRIA, VA 22313-1404

EXAMINER					
HOLTON, STEVEN E					
ART UNIT	PAPER NUMBER				

2629

DATE MAILED: 05/16/2007

APPLICATION NO. FILING DATE		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/648.643	08/27/2003	Ho-Young Lee	030681-556	3899

TITLE OF INVENTION: METHOD AND APPARATUS FOR REDUCING FALSE CONTOUR IN DIGITAL DISPLAY PANEL USING PULSE NUMBER MODUL ATION

NUMBER MODULATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	08/16/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

indicated unless correcte maintenance fee notifica		erwise in Block 1, by (a	a) specifying a new cor	respondence address;	and/or	(b) indicating a sepa	rate "FEE ADDRESS" for
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							(Depositor's name)
			. [(Signature)
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APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	OR .	ATTOR	NEY DOCKET NO.	CONFIRMATION NO.
10/648,643	08/27/2003		Ho-Young Lee		(030681-556	3899
TITLE OF INVENTION NUMBER MODULATION		PPARATUS FOR RED	UCING FALSE CONT	OUR IN DIGITAL	DISPL	AY PANEL USING	6 PULSE
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	E PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0		\$1700	08/16/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
HOLTON,	STEVEN E	2629	345-060000				
Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence or agents OR, alternatively,					*		
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. ☐ "Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. ☐ "Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. ☐ "Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. ☐ "Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. ☐ "Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. ☐ "Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.							
		TO BE PRINTED ON					
PLEASE NOTE: Unl	less an assignee is ident h in 37 CFR 3.11. Comp	ified below, no assignee bletion of this form is NO	data will appear on the T a substitute for filing a	patent. If an assign in assignment.	ee is ide	entified below, the de	ocument has been filed for
(A) NAME OF ASSIG			(B) RESIDENCE: (Cl				
Please check the appropr	iate assignee category or	categories (will not be pa	rinted on the patent) :	☐ Individual ☐ C	orporatio	on or other private gro	oup entity Government
4a. The following fee(s):	are submitted:	. 41	o. Payment of Fee(s): (P		ny previ	ously paid issue fee	shown above)
	lo small entity discount p		☐ Payment by credit of ☐ The Director is here				ficiency, or credit any
			overpayment, to De	posit Account Numb	er	(enclose a	n extra copy of this form).
	tus (from status indicated s SMALL ENTITY state		☐ b. Applicant is no l	onger claiming SMA	LL ENT	ITY status. See 37 Cl	FR 1.27(g)(2).
		uired) will not be accepte tes Patent and Trademark		n the applicant; a reg	istered at	ttorney or agent; or th	e assignee or other party in
Authorized Signature				Date			
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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.							
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/648,643	08/27/2003	030681-556 3899		
21839 75	590 05/16/2007		EXAM	INER
BUCHANAN, II	NGERSOLL & ROO	HOLTON, STEVEN E		
POST OFFICE BO	•	ART UNIT	PAPER NUMBER	
ALEXANDRIA, V	/A 22313-1404		2629	
		DATE MAILED: 05/16/200	7	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 439 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 439 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.